



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,391	02/06/2002	Carsten Deppe	PHDE 010036	8774
65913	7590	06/22/2007		
NXP, B.V. NXP INTELLECTUAL PROPERTY DEPARTMENT M/S41-SJ 1109 MCKAY DRIVE SAN JOSE, CA 95131			EXAMINER ELAMIN, ABDELMONIEM I	
			ART UNIT 2116	PAPER NUMBER
			NOTIFICATION DATE 06/22/2007	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ip.department.us@nxp.com

<b>Office Action Summary</b>	Application No. 10/071,391	Applicant(s) DEPPE ET AL.	
	Examiner Abdelmoniem Elamin	Art Unit 2116	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 06 February 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte* Quayle, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless—

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Erba et al, US.

Pat. No. 6,292,233.

3. Claims 1, 15-16, 22-25, Erba teaches a standby circuit for an electrical device [*14 of Fig. 1*] having one or more signal inputs [*input signals from 38, 40, 42 of Fig. 2*] and a control unit [*32 of Fig. 2*] and a control output [*see the control unit output G of Fig. 2*] for the control of a power supply unit [*col. 3, lines 2-6*], in which the control unit [*14 of Fig. 1*] initiates an activation procedure on the occurrence of a predefined activation event at the signal input [*in response to the keyboard, zero crossing and remote control signals*], in which a signal to switch on a power supply unit is generated at the control output [*abstract, also see Fig. 2 and related disclosure*].

4. Claim 2, Erba teaches one of the signal inputs is a useful signal input for a useful signal of an electrical device [*see Fig. 2*].

5. Claim 3, Erba teaches one of the signal inputs is a switch input (3) for the connection of a button [*see Fig. 2*].

Art Unit: 2116

6. Claims 4-5, Erba teaches one of the signal inputs is a remote control input (5) for the signals from a wireless remote control [*see Fig. 2*].

7. Claim 6, Erba teaches one of the signal inputs is a digital data input, which can be connected to any digital interface, such as computer networks [*see Fig. 2*].

8. Claim 7, Erba teaches a store is provided [*inherent*].

9. Claim 8, Erba teaches a clock is provided [*see oscillator 70 of Fig. 3*].

10. Claim 9, Erba teaches the control unit performs a time switch function, in which an activation time is preset, and the activation procedure is initiated on reaching the activation time [*col. 4, lines 47-62*].

11. Claim 10, Erba teaches one or more clock inputs are provided [*inputs 2 and 3 of Fig. 3*].

12. Claims 11, Erba teaches one or more communication terminals are provided for sending and/or receiving data to/from the control unit and/or the store [*col. 2, line 65 thru col. 3, line15*].

13. Claim 12, Erba teaches the circuit (ZPS) is constructed as a single integrated component [*see Fig. 2*].

14. Claims 13-14, Erba teaches the control unit forwards the signals arriving at the remote control input via a communication terminal [*col. 2, line 65 thru col. 3, line15*].

15. Claim 17, Erba teaches a power supply circuit (76) is provided for supplying electrical energy to the standby circuit, while the power supply circuit draws electrical energy directly from the electricity power grid [*36 of Fig. 2*].

16. Claim 18, Erba teaches an energy store is provided for supplying electrical energy to the standby circuit (ZPS) [*see the details of the power supply stage 36 in Fig. 3*].

Art Unit: 2116

17. Claim 19, Erba teaches is a rechargeable element, while the energy store is charged when the power supply unit is switched on [*see the details of the power supply stage 36 in Fig. 3*].

18. Claims 20-21, Erba teaches the control unit of the standby circuit is programmed when the device is switched to the power-down mode so that, after a predetermined period of time the device is switched back to the power-up mode, so that the energy store is charged again, while the period of time is calculated so that the rechargeable element supplies sufficient electrical energy for the operation of the standby circuit for this period of time [*col. 3, lines 35+*].

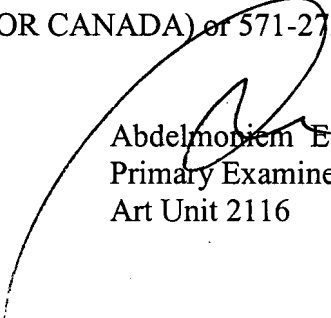
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abdelmoniem Elamin whose telephone number is 571-2727-3674. The examiner can normally be reached on MON - THUR 10:00 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Prveen can be reached on 571-272-3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2116

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Abdelmoniem Elamin  
Primary Examiner  
Art Unit 2116

June 13, 2007